

FIG. 1

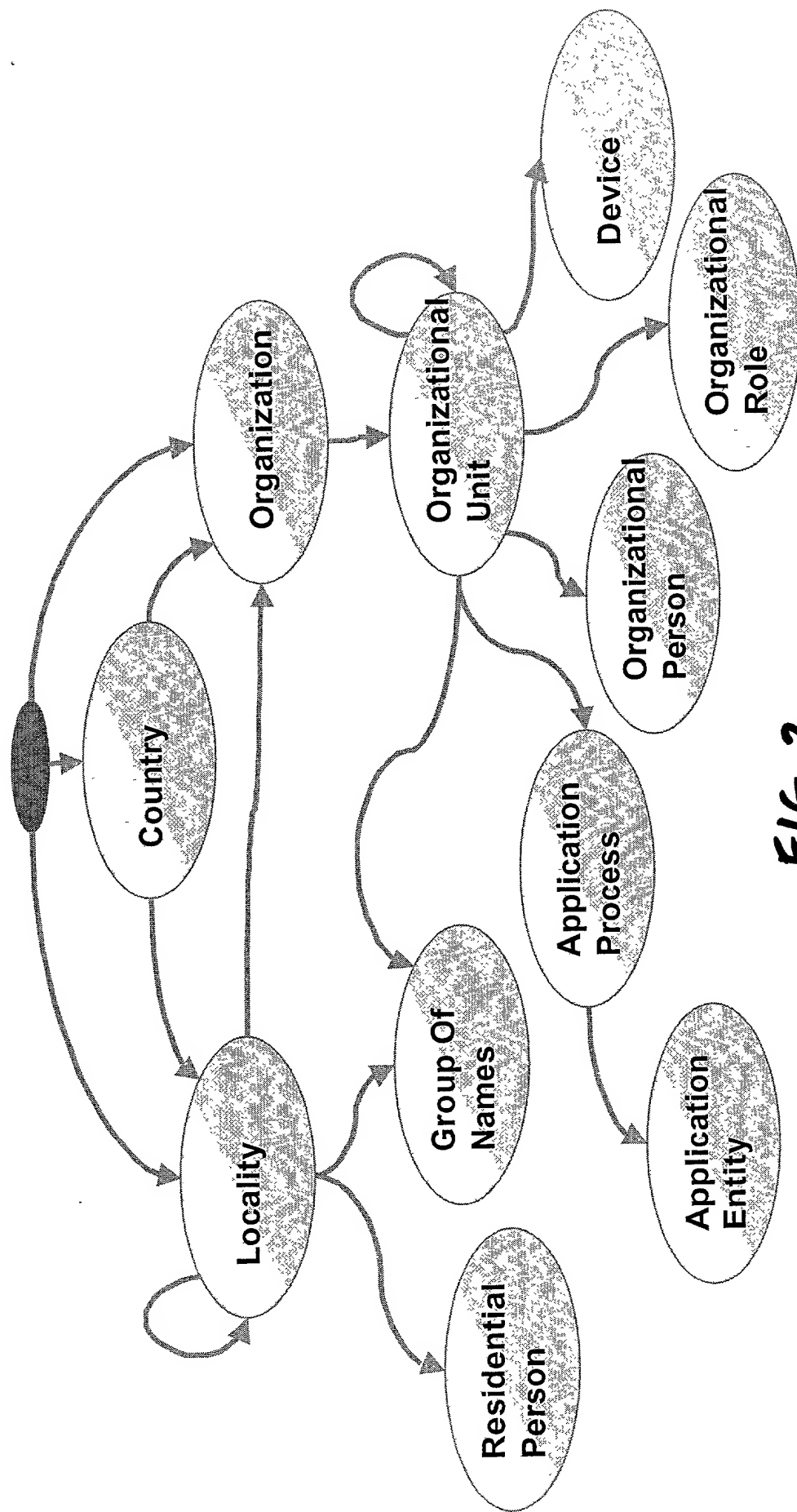


FIG. 2

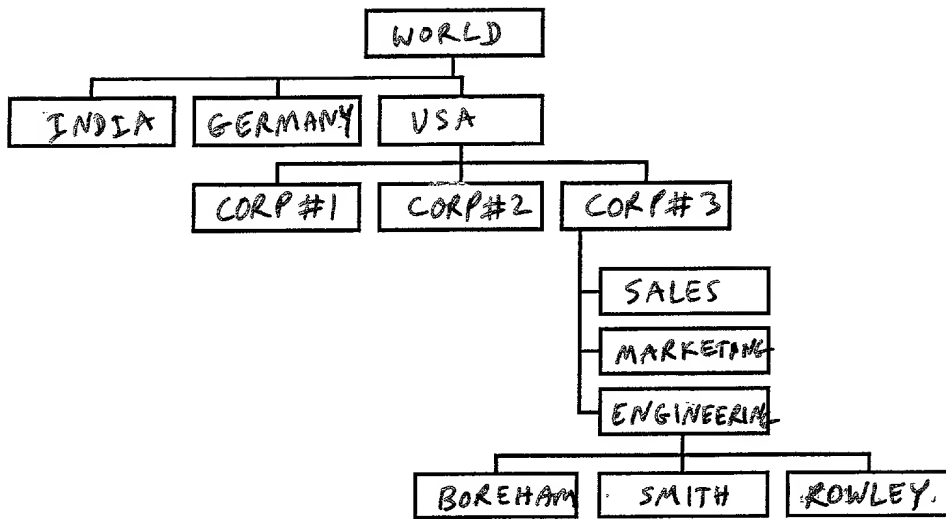
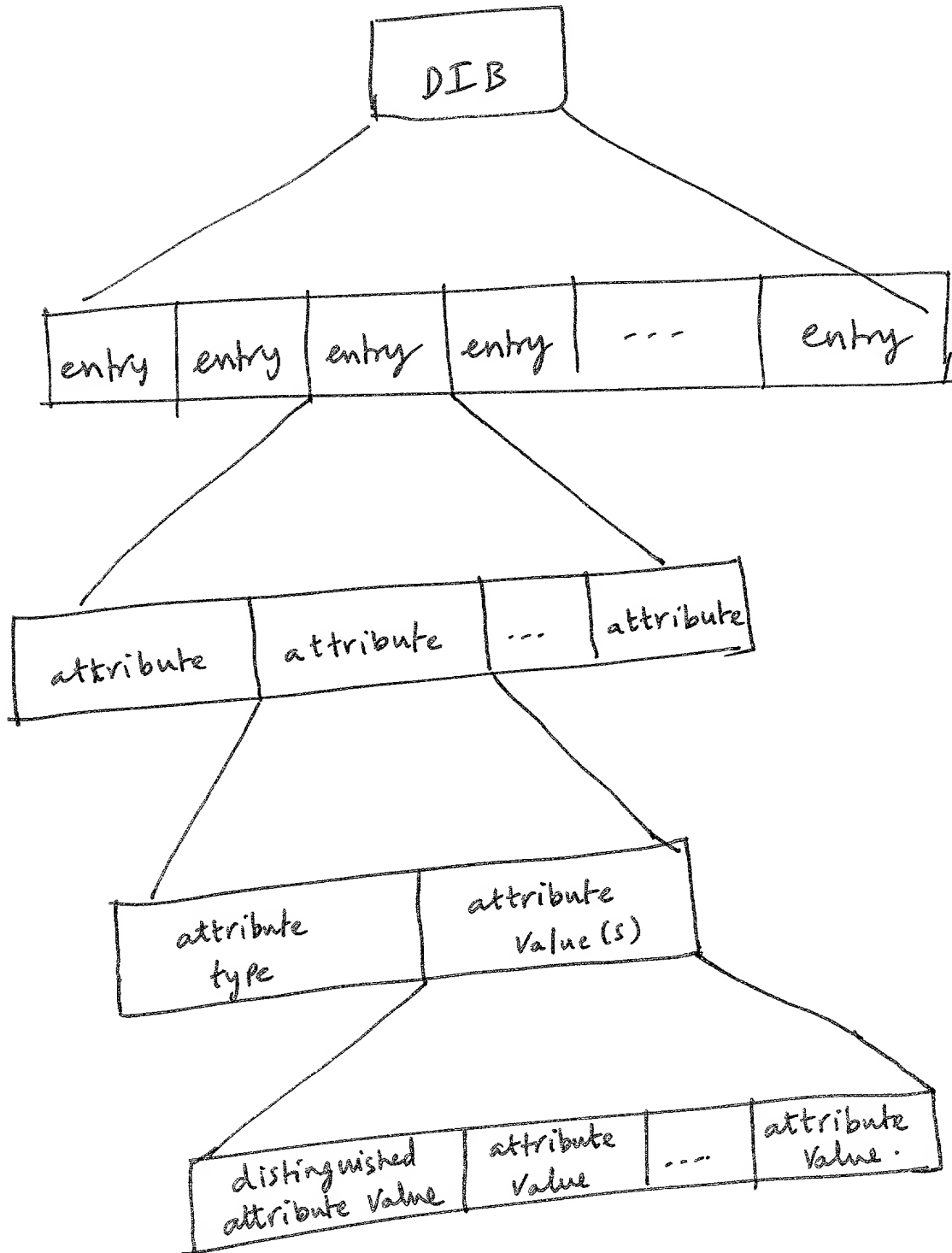


FIG. 3

FIG. 4



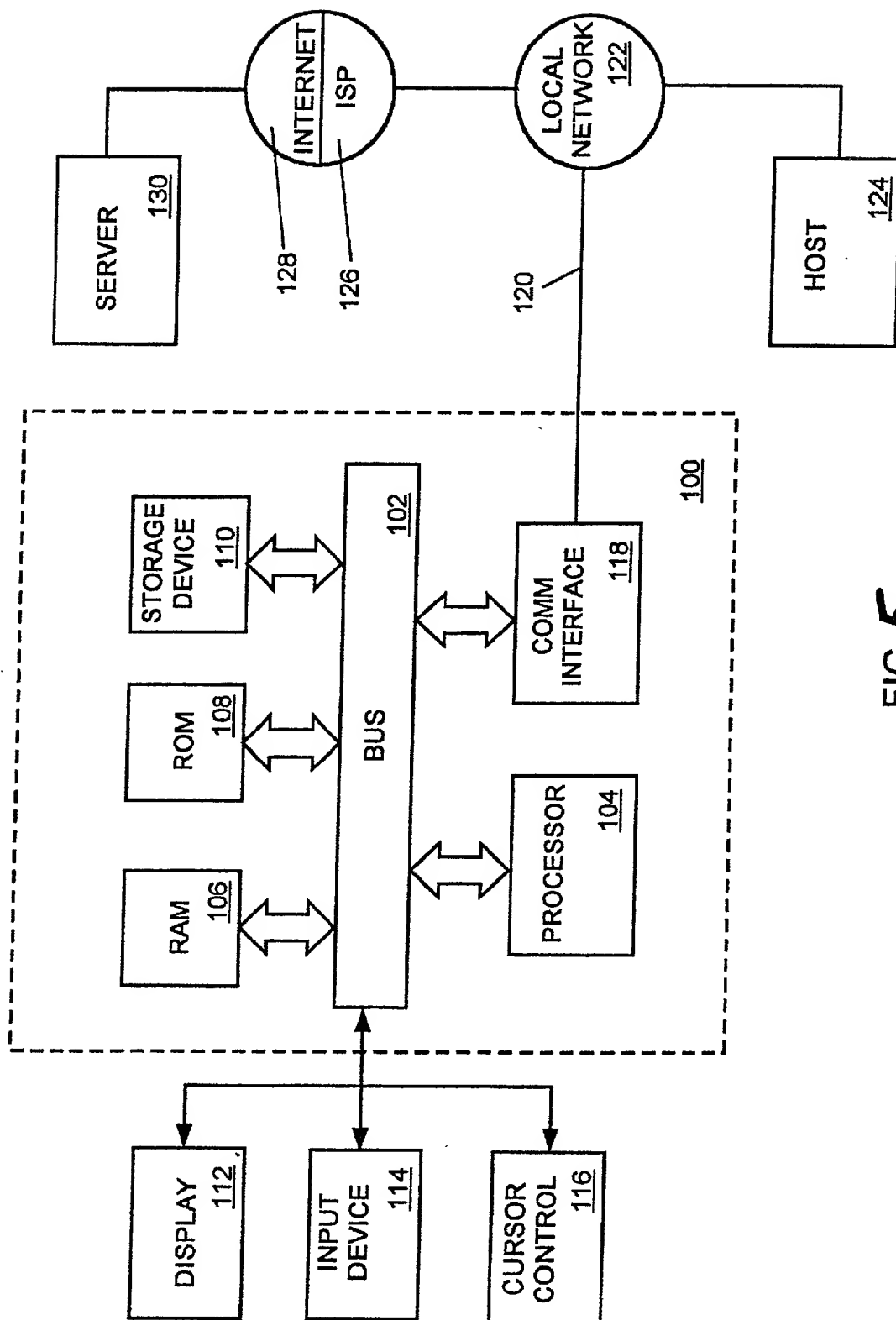


FIG. 5

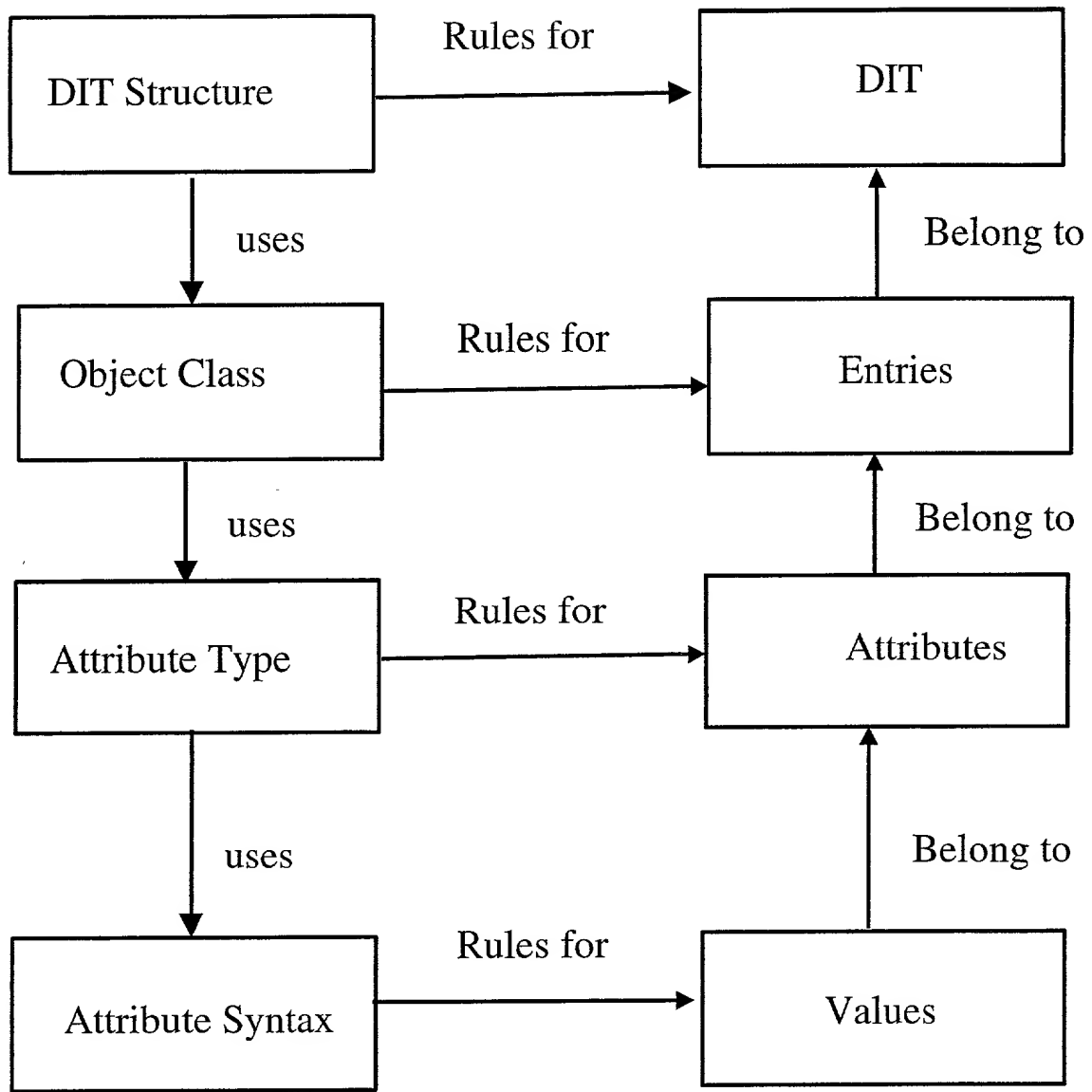


FIG. 6

dn: cn=managerrole, dc=dom, dc=ain
objectclass: top
objectclass: LDAPsubentry
objectclass: nsRole
objectclass: nsSimpleRole
objectclass: nsManagedRole
cn: managgerrole
description: Manager Role within the Company

FIG. 7

dn: uid=pointyhair, ou=people, dc=dom, dc=ain

objectclass: top

objectclass: person

objectclass: inetorgperson

uid: pointyhair

gn: pointy

sn: hair

nsRoleDN: cn=managerrole, dc=dom, dc=ain

description: Pointy Haired Manager

FIG- 8

dn: cn= building12people, dc=dom, dc=ain
objectclass: top
objectclass: LDAPsubentry
objectclass: nsRole
objectclass: nsComplexRole
objectclass: nsFilteredRole
cn: building12people
nsRoleFilter: building=12
description: People who work in building 12

FIG. 9

dn: cn=megamanagerrole, dc=dom, dc=ain

objectclass: top

objectclass: LDAPsubentry

objectclass: nsRole

objectclass: nsComplexRole

objectclass: nsNestedRole

cn: megamanaggerrole

nsRoleDN: cn=managerrole, dc=dom, dc=ain

nsRoleDN: cn=networkmanager, dc=dom, dc=ain

description: Super Manager Role within the
Company

FIG-10

dn: cn=peonrole, dc=dom, dc=ain

objectclass: top

objectclass: LDAPsubentry

objectclass: nsRole

objectclass: nsComplexRole

objectclass: nsEnumeratedRole

objectclass: groupofuniqueNames

cn: peonrole

groupmember: uid=dboreham, ou=people, dc=dom, dc=ain

groupmember: uid=merrells, ou=people, dc=dom, dc=ain

groupmember: uid=claire, ou=people, dc=dom, dc=ain

description: Lowest of the Low Roles within the Company

FIG-11

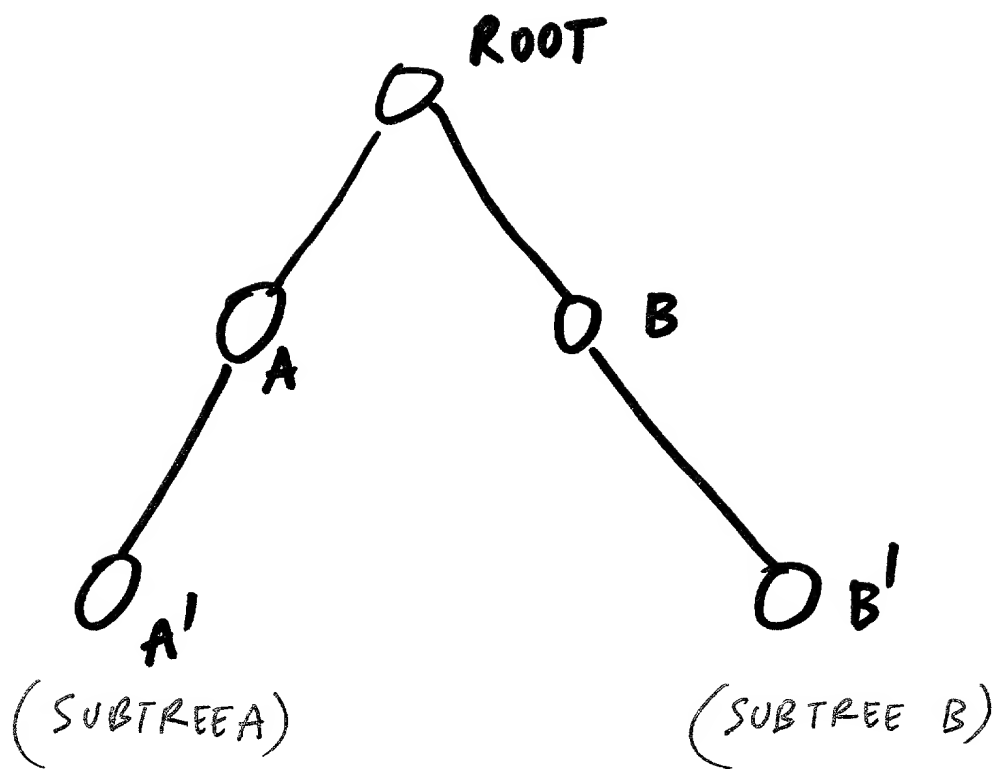


FIG. 12

For each entry within scope, the
computed attribute nsRole is calculated

The computed attribute nsRole is
examined to see if the role is present.

This results in a list of entries that
possess the role.

The list is thereafter returned to a
client.

FIG. 13

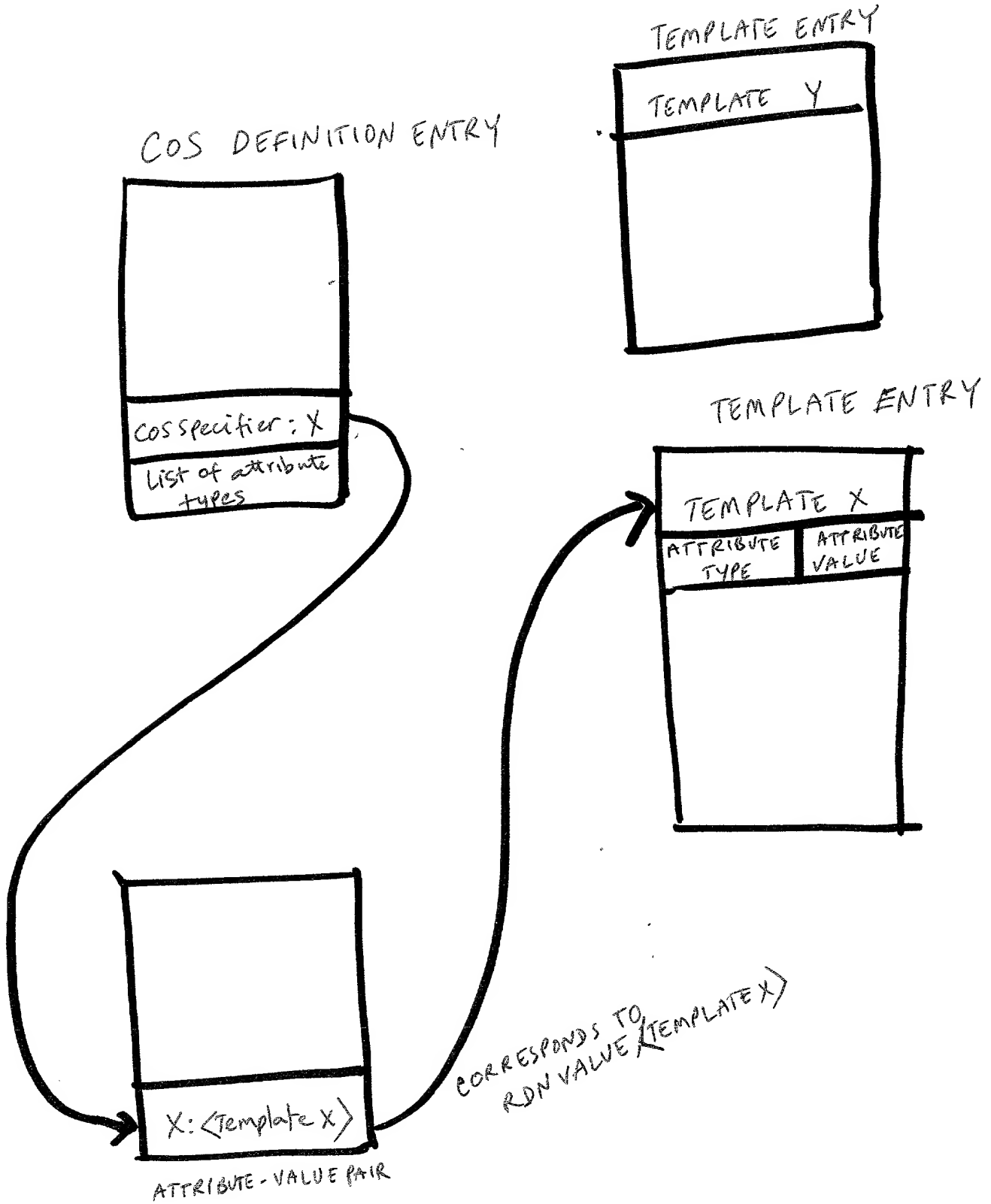


FIG. 14

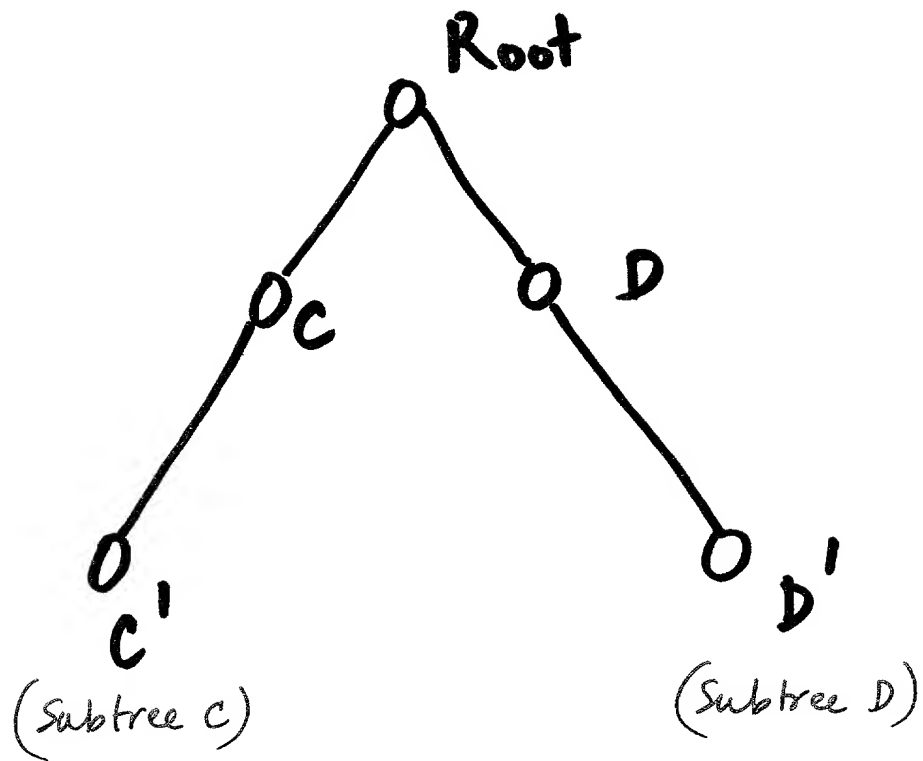


FIG. 15

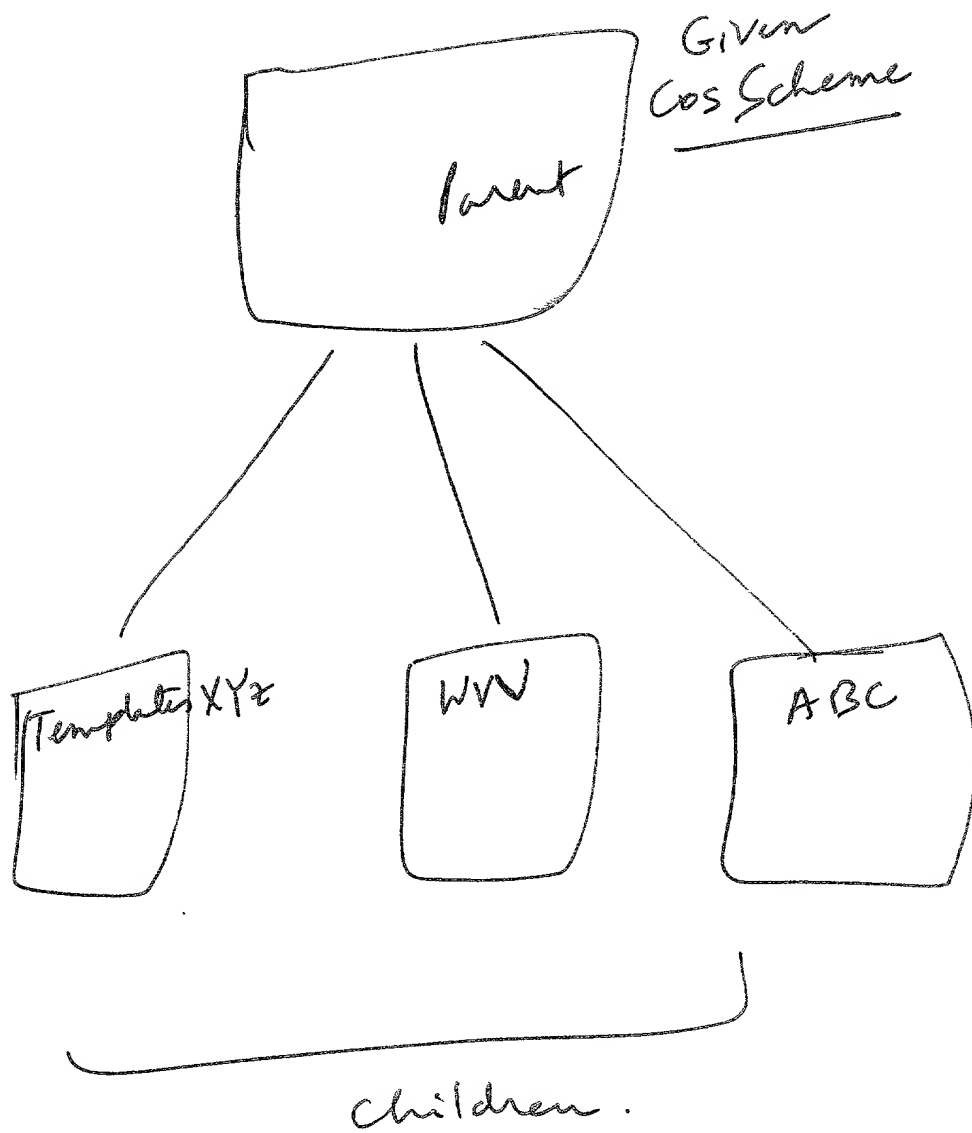


FIG-16

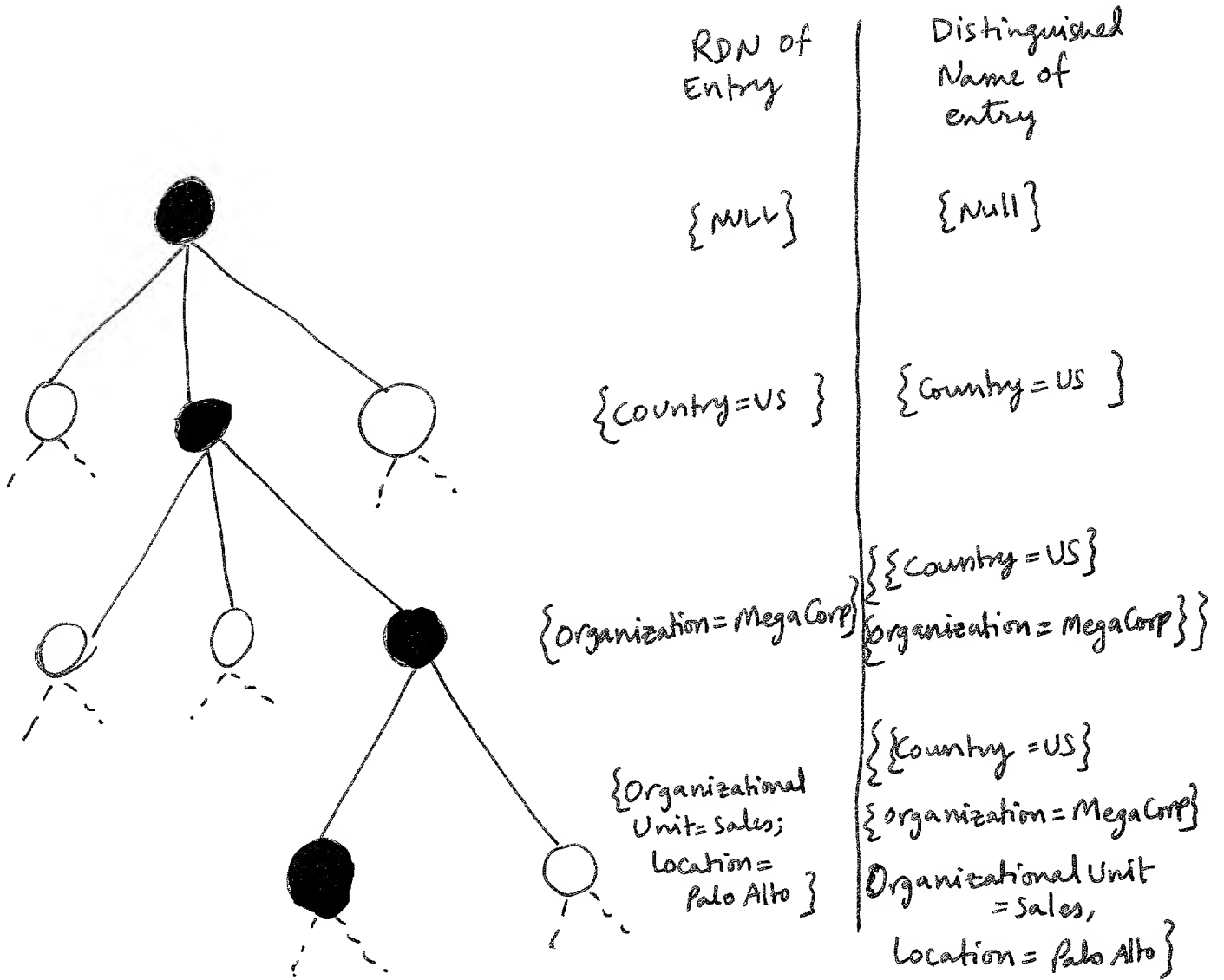


FIG 17

Dn:cn=messaging_server_cos, ou=people, o=acme

objectclass: top

objectclass: LDAPSubentry

objectclass: cosSuperDefinition

objectclass: cosClassicDefinition

cosTemplate

Dn: cn=MailServerCOS, cn=LocalConfig, o=NetscapeRoot

cosSpecifier: mailServiceClass

cosAttribute: mailboxquota

cosAttribute: maysendexternalmail

FIG-18

dn: cn=user, cn=MailServerCOS, cn=LocalConfig, o=NetscapeRoot

objectclass: top

objectclass: mailserveruser

objectclass: cosTemplate

mailboxquota: 10000000

maysendexternalmail: TRUE

dn: cn=guest, cn=MailServerCOS, cn=LocalConfig, o=NetscapeRoot

objectclass: top

objectclass: mailserveruser

objectclass: cosTemplate

mailboxquota: 1000000

maysendexternalmail: FALSE

FIG-19

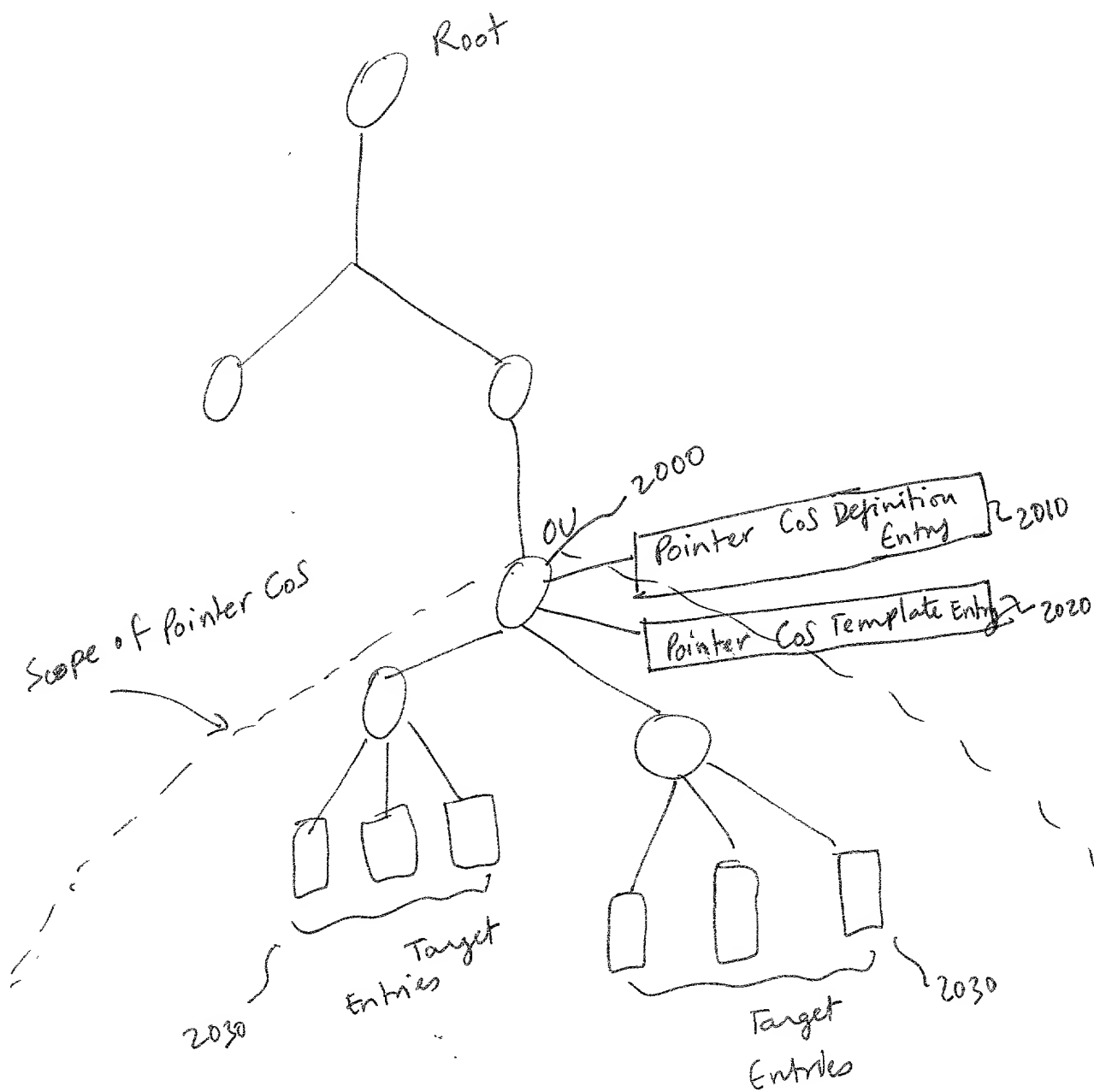


FIG. 20

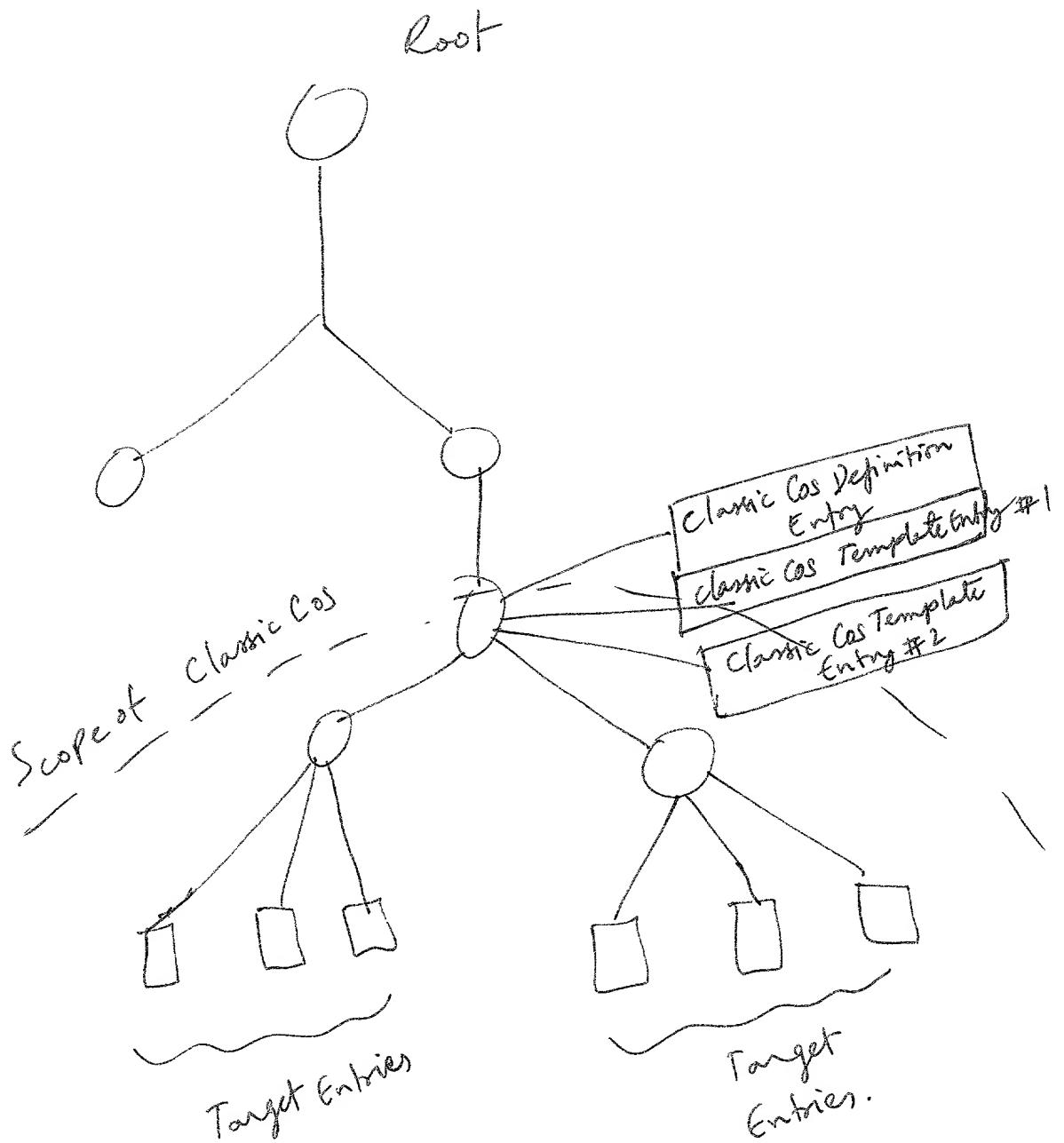


FIG-21

dn: cn=messaging_server_cos, ou=people, o=acme
objectclass: top
objectclass: LDAPSubentry
objectclass: cosSuperDefinition
objectclass: cosPointerDefinition
cosTemplateDn: ou=people, o=acme
cosAttribute: facsimilieTelephoneNumber default

FIG. 22

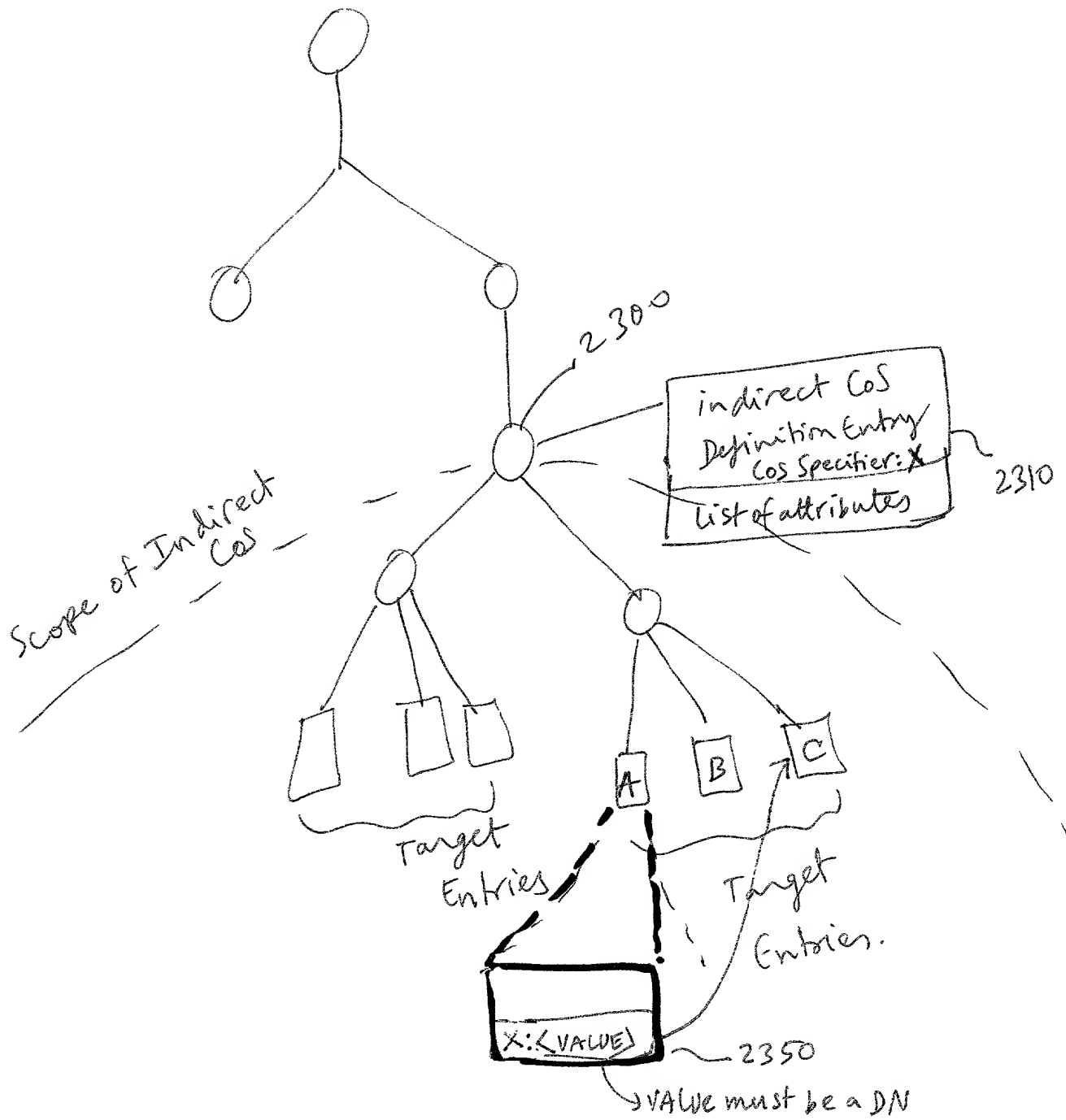


FIG-23

dn: cn=messaging_server_cos, ou=people, o=acme
 objectclass: top
 objectclass: LDAPSubentry
 objectclass: cosSuperDefinition
 objectclass: cosIndirectDefinition
 cosIndirectSpecifier: manager
 cosAttribute: accountingCode

FIG-24